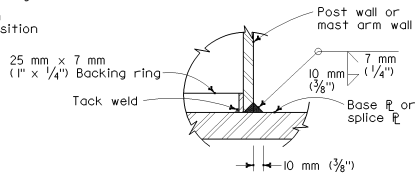
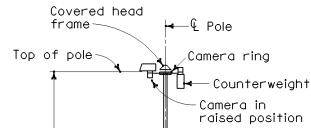
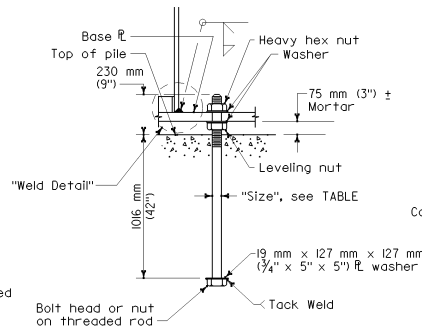


Pole Type	H Height	POLE DATA		Thickness	BASE PLATE DATA				CIDH PILE DATA		
		Min OD				Thickness	Size	BC = Bolt Circle	Dia	"d"	Pile Reinf
CCTV 90	27.4 m (90')	610 mm (24")	281 mm (11 1/8")	4.55 mm	914 mm (36")	51 mm	51 mm	737 mm (29")	1067 mm	3.6 m (12")	15 - #22M (#7)
CCTV 80	24.3 m (80')	559 mm (22")	256 mm (10 1/8")	4.55 mm	864 mm (34")	51 mm	51 mm	686 mm (27")	1067 mm	3.3 m (11")	
CCTV 70	21.3 m (70')	508 mm (20")	260 mm (10 3/8")	4.55 mm	813 mm (32")	51 mm	51 mm	635 mm (25")	1067 mm	3.0 m (10")	
CCTV 60	18.2 m (60')	457 mm (18")	248 mm (9 3/4")	4.55 mm	762 mm (30")	51 mm	51 mm	584 mm (23")	1067 mm	2.7 m (9")	

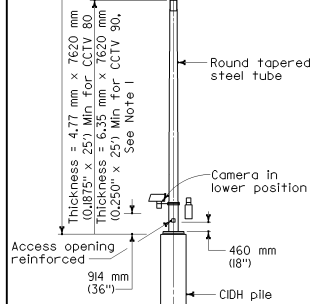
\*Lower pole segment thickness, see Pole Details



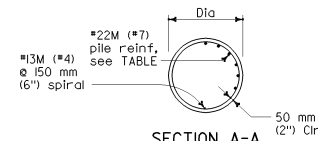
**WELD DETAIL**



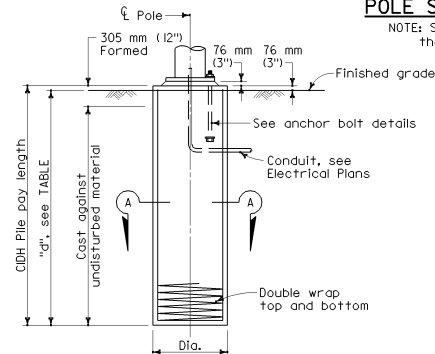
**ANCHOR BOLT DETAIL**



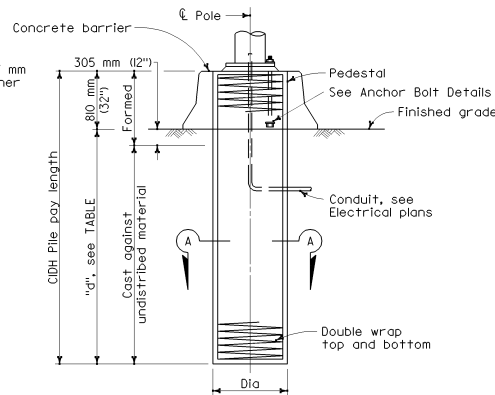
**POLE DETAILS**



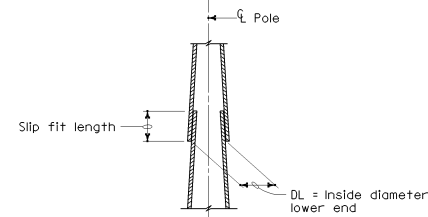
**SECTION A-A  
CIDH PILE DETAILS**



**TYPICAL ELEVATION**

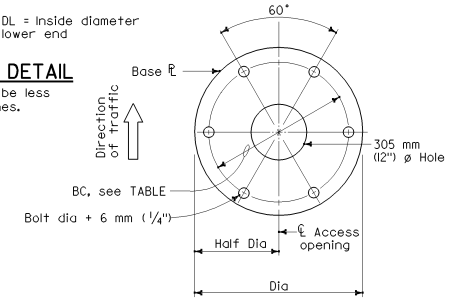


**MEDIAN LOCATION**



**POLE SEGMENT SPLICE DETAIL**

NOTE: Slip fit length shall not be less than 1.5 DL minus two inches.



**BASE PLATE DETAILS**

### GENERAL NOTES:

#### SPECIFICATIONS

Design: AASHTO specifications for the design and construction of structural supports for highway signs, dated 1994.

#### LOADING

Wind Loadings: 129 km/h (80 mph) AASHTO

#### UNIT STRESSES

Structural Steel:  $f_s$  = Maximum allowed for design of tapered steel tube (pole) to be 379 MPa (55,000 psi).

### NOTES:

- Pole details shall suit the lowering device and this foundation plan. Pole details shall be submitted to the Engineer for approval.
- Pole finishes shall be galvanized.
- For camera details, See Electrical Plans.
- Foundation design is based on a maximum wind velocity of 129 km/h (80 mph).

## STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION CLOSED CIRCUIT TELEVISION 18.2 m TO 27.4 m (60' TO 90') HIGH MAST POLE FOUNDATION DETAILS

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

**ES-16C**

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	POST NO.	SHEET TOTAL SHEETS
Jeffrey B. Woody REGISTERED CIVIL ENGINEER July 1, 2002 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet. Caltrans now has a web site! To go to the web site, go to <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>					
Jeffrey B. Woody REGISTERED PROFESSIONAL ENGINEER No. C41260 Exp. 3-31-03 STATE OF CALIFORNIA					